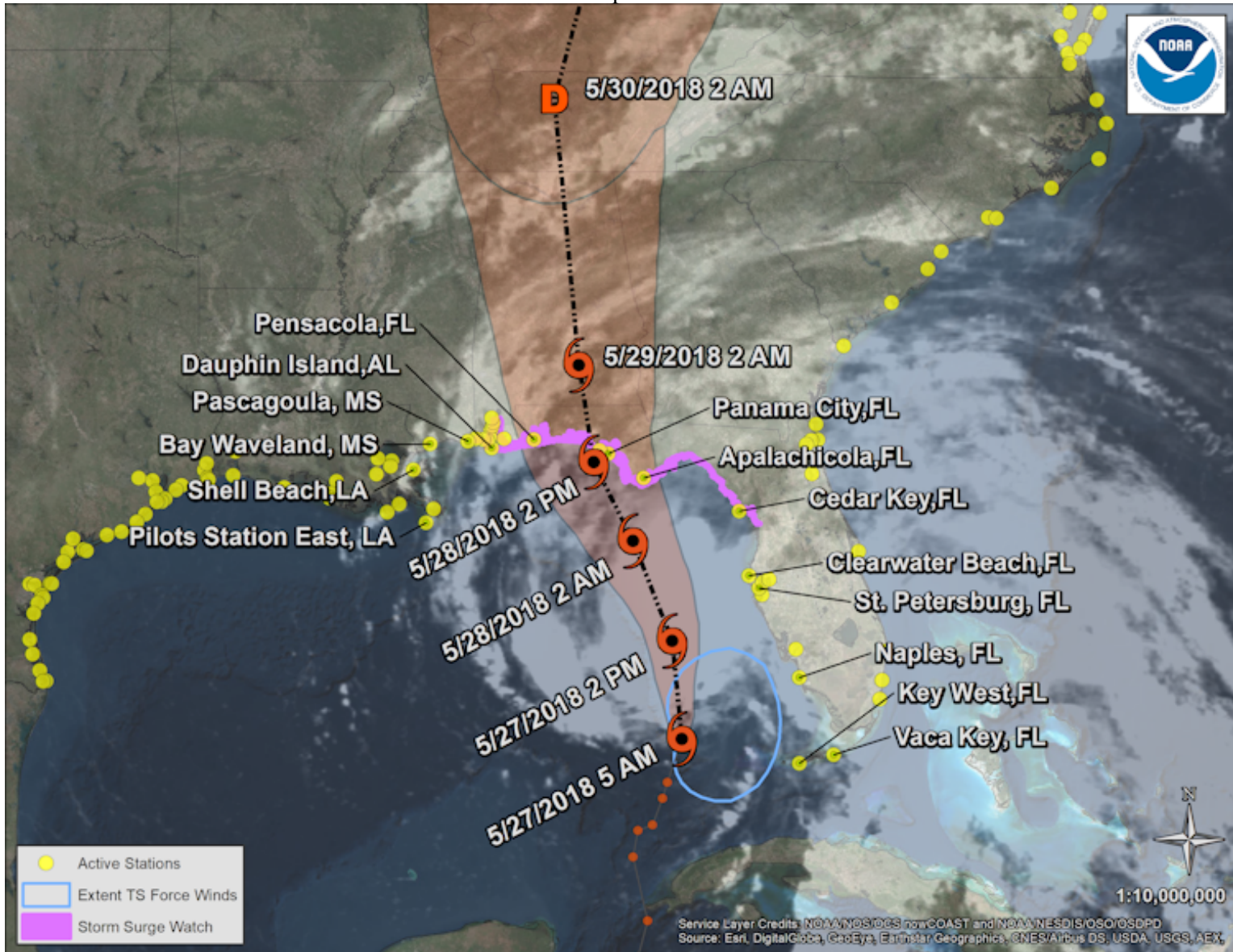




# Subtropical Storm Alberto QuickLook Posted: 06:00 EDT 05/27/2018

## NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 05/27/2018 06:00 EDT, water levels along the Gulf Coast of Florida to Louisiana are elevated up to 1.3 feet above tide predictions. The highest water levels are presently being observed along the Florida Panhandle to Shell Beach, LA. Prior to Alberto, water levels were elevated in the Gulf of Mexico by up to 0.2 feet above normal tide predictions.

Winds across the region range from 10 to 20 kts, with gusts up to 30 kts. Barometric pressure continues to fall across the Eastern Gulf of Mexico.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CRD

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Select National Hurricane Center Advisory Information:

Subtropical Storm Alberto Advisory Number 8NWS National Hurricane Center Miami FL  
500 AM EDT Sun May 27 2018

...ALBERTO PRODUCING GUSTY WINDS AND HEAVY RAINS OVER SOUTHERN FLORIDA...

...NEW TROPICAL STORM WARNINGS ISSUED FOR THE GULF COAST OF FLORIDA...

SUMMARY OF 500 AM EDT.....INFORMATION

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LOCATION...25.0N 84.2W  
ABOUT 85 MI...135 KM WNW OF THE DRY TORTUGAS  
ABOUT 330 MI...530 KM S OF APALACHICOLA FLORIDA  
MAXIMUM SUSTAINED WINDS...40 MPH  
PRESENT MOVEMENT...NNE OR 15 DEGREES AT 13 MPH  
MINIMUM CENTRAL PRESSURE...1001 MB

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

A Tropical Storm Warning has been issued along the Gulf coast of Florida from Anclote River to Aucilla River.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

\* Crystal River to the Mississippi/Alabama border

A Tropical Storm Warning is in effect for...

\* Dry Tortugas

\* Bonita Beach to the Mississippi/Alabama border

A Tropical Storm Watch is in effect for...

\* Mississippi/Alabama border to the Mouth of the Pearl River

A Storm Surge Watch means there is a possibility of life- threatening inundation, from rising water moving inland from the coastline, in the indicated locations in this case during the next 36 hours. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at [hurricanes.gov](http://hurricanes.gov).

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

A Tropical Storm Watch means that tropical storm conditions are possible somewhere within the watch area, in this case within the next 36 hours.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside the United States, please monitor products issued by your national meteorological service.

## DISCUSSION AND OUTLOOK

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At 500 AM EDT, the center of Subtropical Storm Alberto was located near latitude 25.0 North, longitude 84.2 West. The storm is moving toward the north-northeast near 13 mph. A turn toward the north is expected later this morning, and a motion toward the north-northwest is forecast tonight through Monday night. On the forecast track, the center of Alberto will cross the eastern and northern Gulf of Mexico through Monday, and make landfall over the northern Gulf Coast in the warning area Monday afternoon or Monday night. Heavy rainfall and tropical storm conditions will likely reach the northern Gulf Coast well before the arrival of the center of Alberto. Alberto is expected to move northward into the Tennessee Valley on Tuesday.

Maximum sustained winds are near 40 mph with higher gusts. Gradual strengthening is forecast until the system reaches the northern Gulf Coast on Monday. Steady weakening is expected after Alberto makes landfall, and it is forecast to become a tropical depression by Tuesday.

Winds of 40 mph extend outward up to 150 miles mainly to the east of the center. The NOAA automated station at Pulaski Shoals, Florida, recently reported sustained winds of 32 mph and a wind gust of 39 mph.

The estimated minimum central pressure is 1001 mb.

## HAZARDS AFFECTING LAND

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RAINFALL: Alberto is expected to produce the following rain accumulations through Tuesday:

The Florida panhandle into eastern Alabama and western Georgia...4 to 8 inches, isolated 12 inches.

The Florida Keys and south Florida...Additional 3 to 6 inches, isolated storm totals of 10 inches.

Rest of the Florida peninsula...1 to 4 inches.

Rest of the southeast U.S. from Tennessee to the Carolinas...2 to 6 inches.

Rains in Cuba could produce life-threatening flash floods and mudslides. Flooding and flash flooding are possible in the southeast United States, including Florida.

**WIND:** Tropical storm conditions are occurring in the Dry Tortugas, and these conditions are expected to spread northward in the warning area along the west coast of Florida later today. Tropical storm conditions are expected within the warning area along the northern Gulf Coast by tonight. Tropical storm conditions are possible in the watch area along the northern Gulf Coast by Monday.

**STORM SURGE:** The combination of storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Crystal River to the Mississippi/Alabama border...2 to 4 ft

The deepest water will occur along the immediate coast. Surge- related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

**TORNADOES:** A few tornadoes are possible across the Florida peninsula today.

**SURF:** Swells generated by Alberto will continue to spread northward along the eastern and northern Gulf Coast through Monday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult products from your local weather office.

#### NEXT ADVISORY

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Next intermediate advisory at 800 AM EDT.

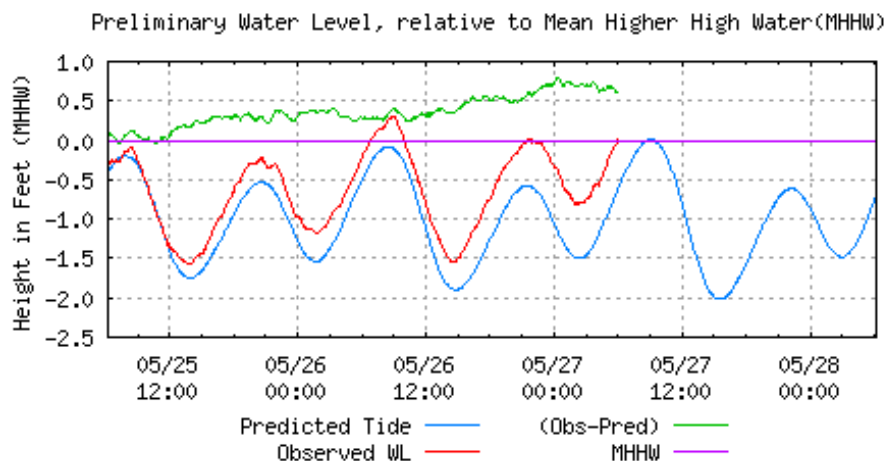
Next complete advisory at 1100 AM EDT.

Forecaster Cangialosi/Berg

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Vaca Key, Florida Bay - Water Level](#), [Vaca Key, Florida Bay - Winds](#), [Vaca Key, Florida Bay - Barometric](#), [Naples, Gulf of Mexico - Water Level](#), [Naples, Gulf of Mexico - Barometric](#), [St. Petersburg, Tampa Bay - Water Level](#), [St. Petersburg, Tampa Bay - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#)

NOAA/NOS/CO-OPS 8724580 Key West, FL



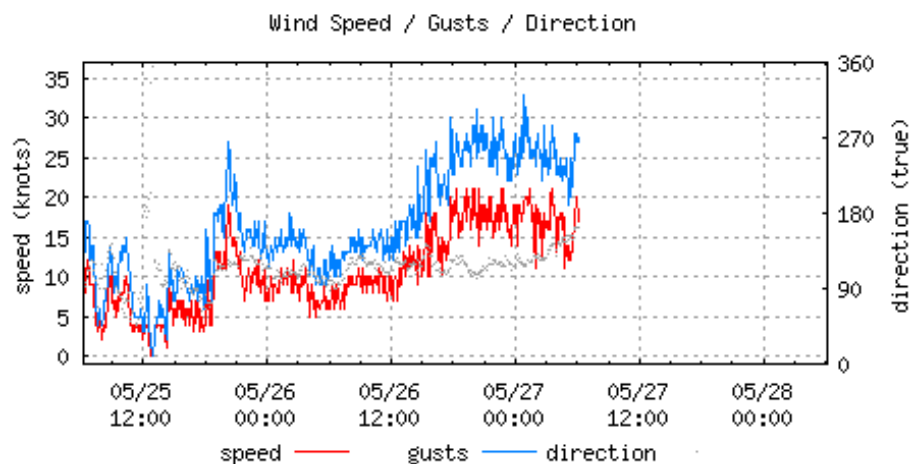
Last Observed Sample: 05/27/2018 06:12 (EDT). Data relative to MHHW

Observed: 0.05 ft. Predicted: -0.58 ft. Residual: 0.63 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

Next High Tide: 05/27/2018 09:05 (EDT), 0.00 ft.

NOAA/NOS/CO-OPS 8724580 Key West, FL

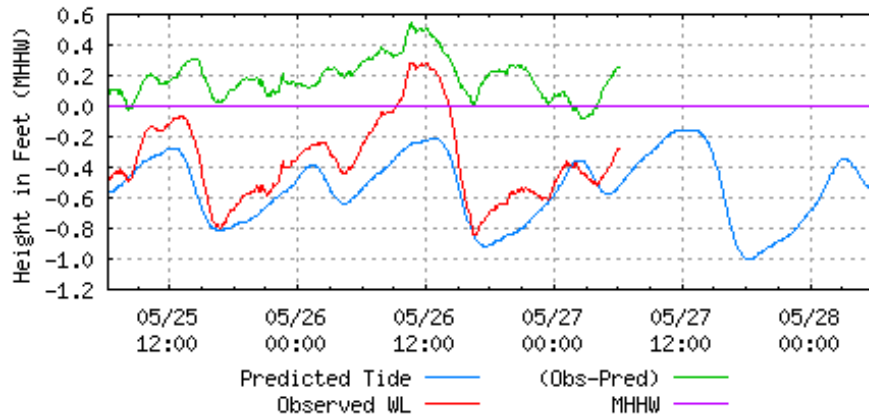


Last Observed Sample: 05/27/2018 06:12 (EDT)

Wind Speed: 21 knots Gusts: 28 knots Direction: 162° T

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 06:12 (EDT). Data relative to MHHW

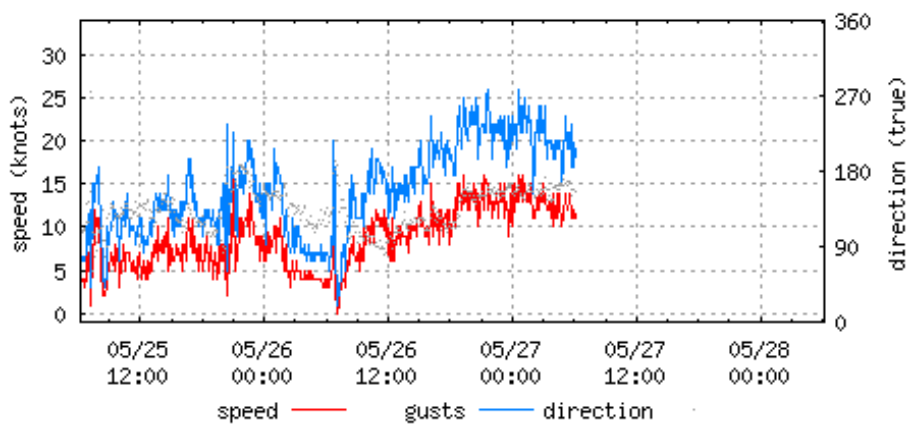
Observed: -0.25 ft. Predicted: -0.51 ft. Residual: 0.26 ft.

Historical Maximum Water Level: Oct 24 2005, 5.80 ft.

Next High Tide: 05/27/2018 12:05 (EDT), -0.16 ft.

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

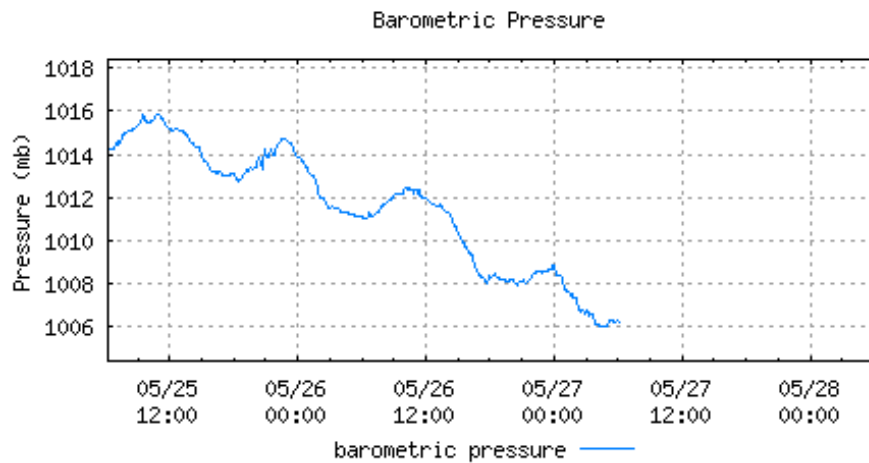
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 06:12 (EDT)

Wind Speed: 10 knots Gusts: 17 knots Direction: 162° T

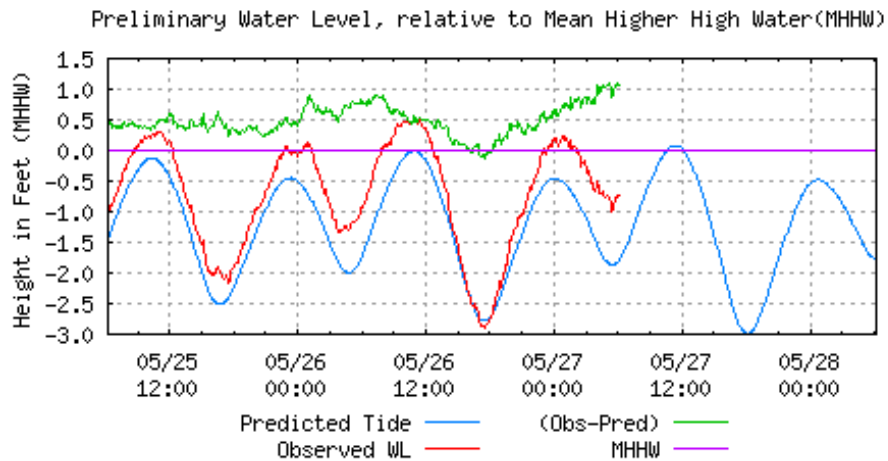
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 05/27/2018 06:12 (EDT)

Barometric Pressure: 1006.3 mb

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 05/27/2018 06:06 (EDT). Data relative to MHHW

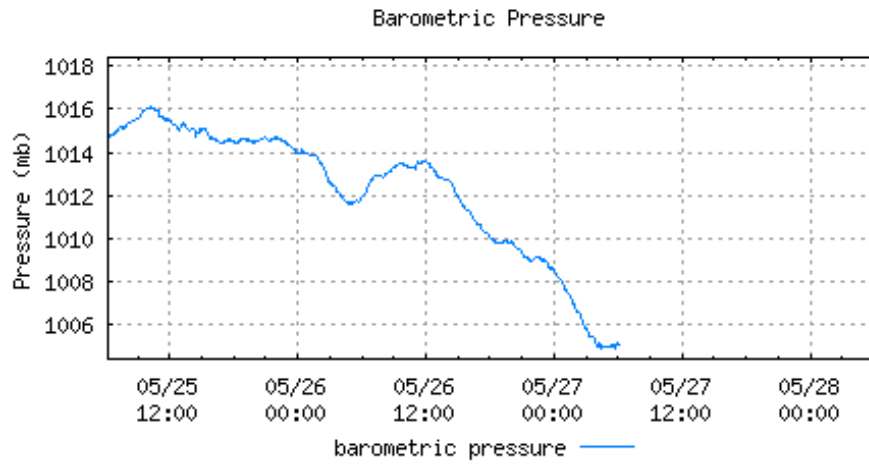
Observed: -0.74 ft. Predicted: -1.80 ft. Residual: 1.06 ft.

Historical Maximum Water Level: Dec 22 1972, 3.11 ft.

Next High Tide: 05/27/2018 11:24 (EDT), 0.09 ft.



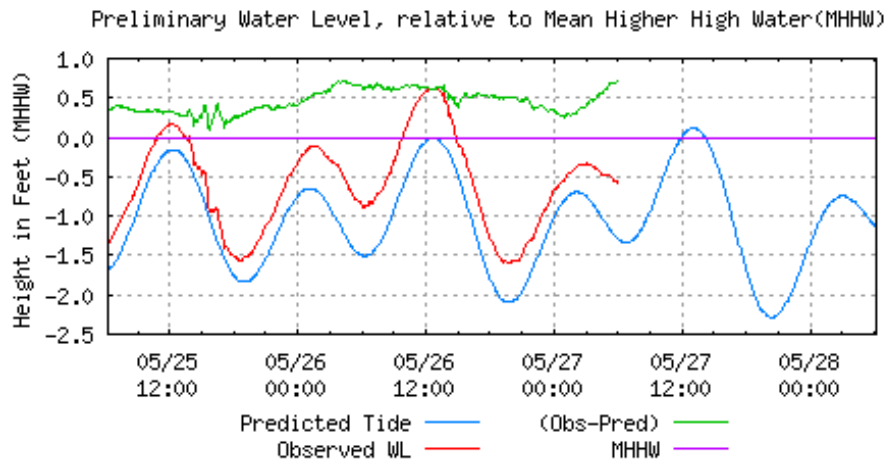
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 05/27/2018 06:06 (EDT)

Barometric Pressure: 1005.1 mb

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/27/2018 06:06 (EDT). Data relative to MHHW

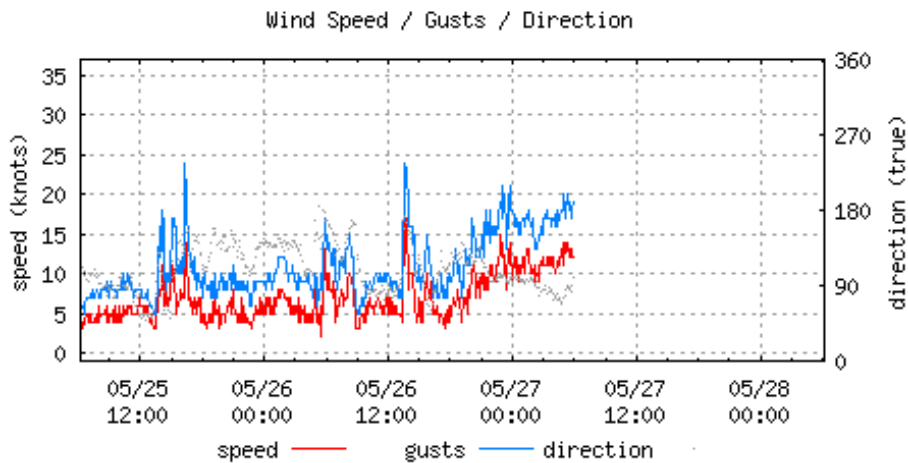
Observed: -0.61 ft. Predicted: -1.30 ft. Residual: 0.69 ft.

Historical Maximum Water Level: Aug 31 1985, 4.00 ft.

Next High Tide: 05/27/2018 13:03 (EDT), 0.11 ft.



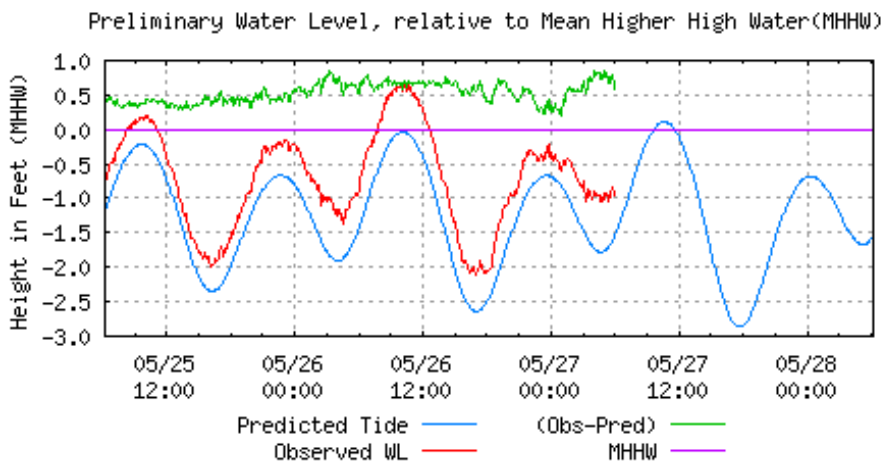
NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/27/2018 06:06 (EDT)

Wind Speed: 13 knots Gusts: 18 knots Direction: 97° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



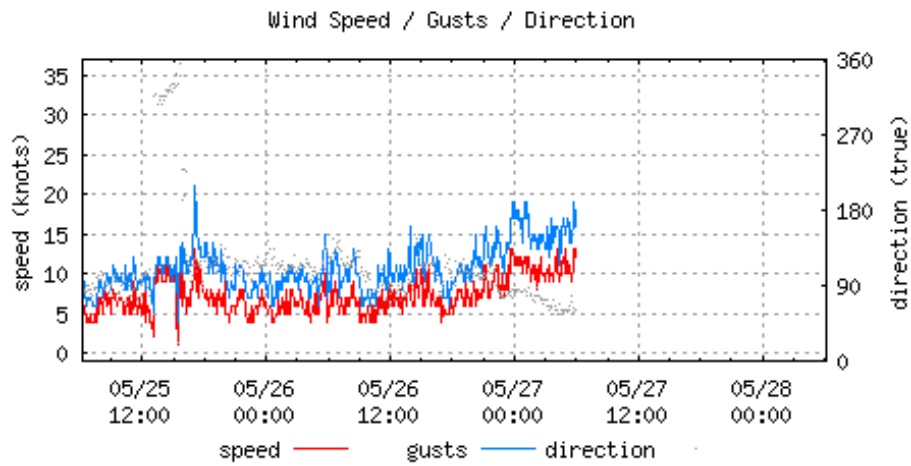
Last Observed Sample: 05/27/2018 06:06 (EDT). Data relative to MHHW

Observed: -0.91 ft. Predicted: -1.50 ft. Residual: 0.59 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 05/27/2018 10:36 (EDT), 0.11 ft.

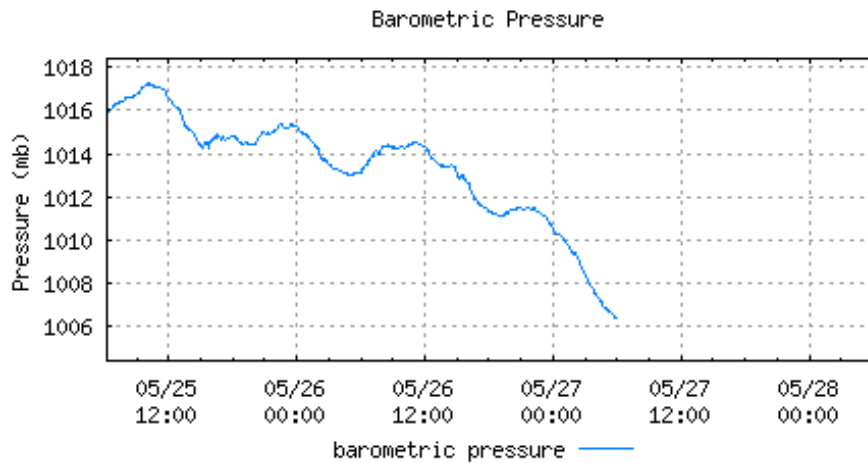
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 06:06 (EDT)

Wind Speed: 9 knots Gusts: 19 knots Direction: 65° T

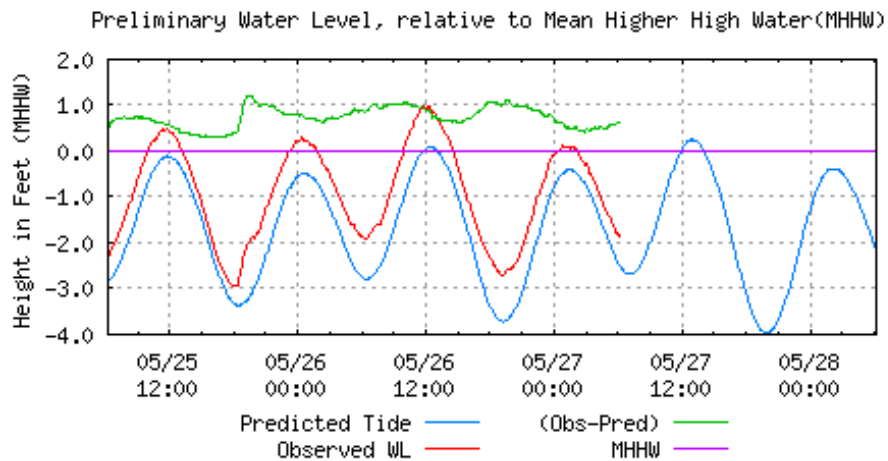
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 06:06 (EDT)

Barometric Pressure: 1006.4 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



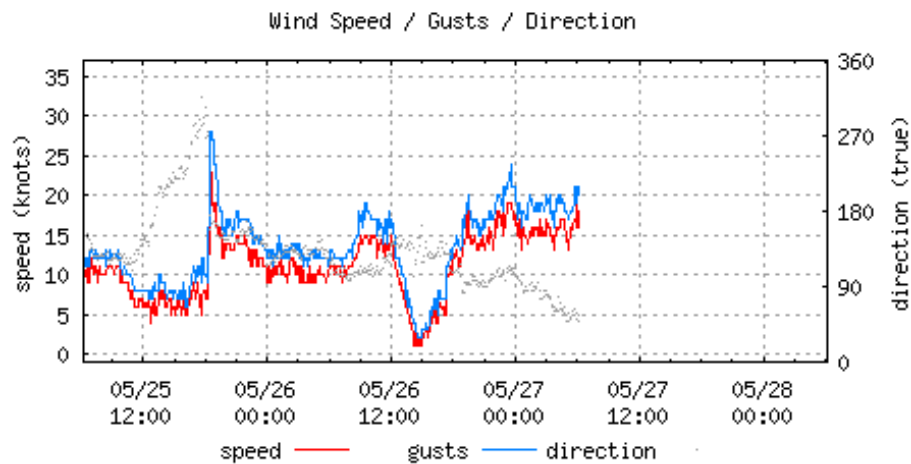
Last Observed Sample: 05/27/2018 06:12 (EDT). Data relative to MHHW

Observed: -1.87 ft. Predicted: -2.51 ft. Residual: 0.64 ft.

Historical Maximum Water Level: Aug 31 1985, 5.41 ft.

Next High Tide: 05/27/2018 12:57 (EDT), 0.25 ft.

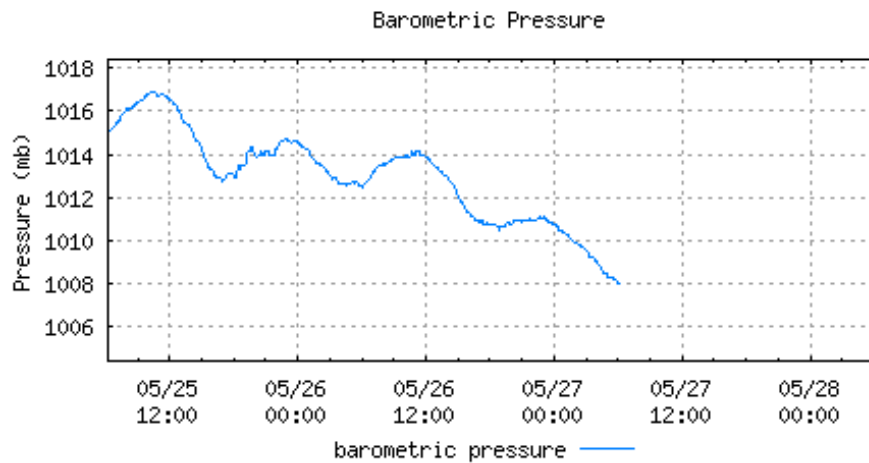
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 06:12 (EDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 55° T

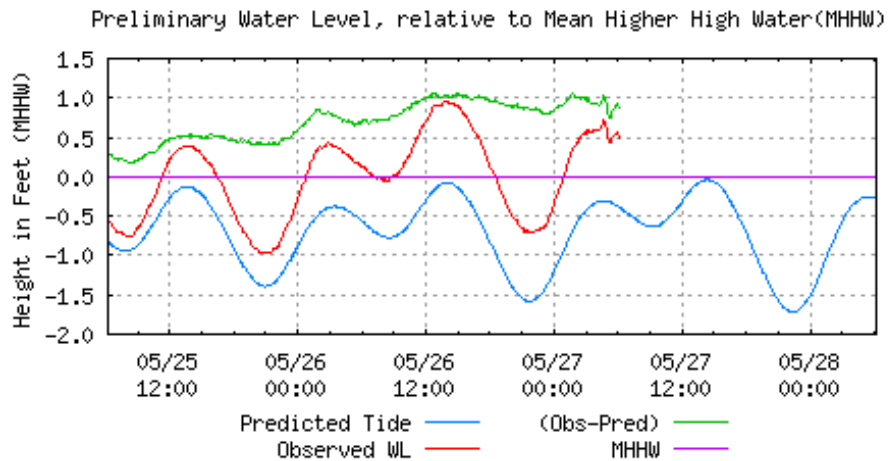
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 06:12 (EDT)

Barometric Pressure: 1008.0 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



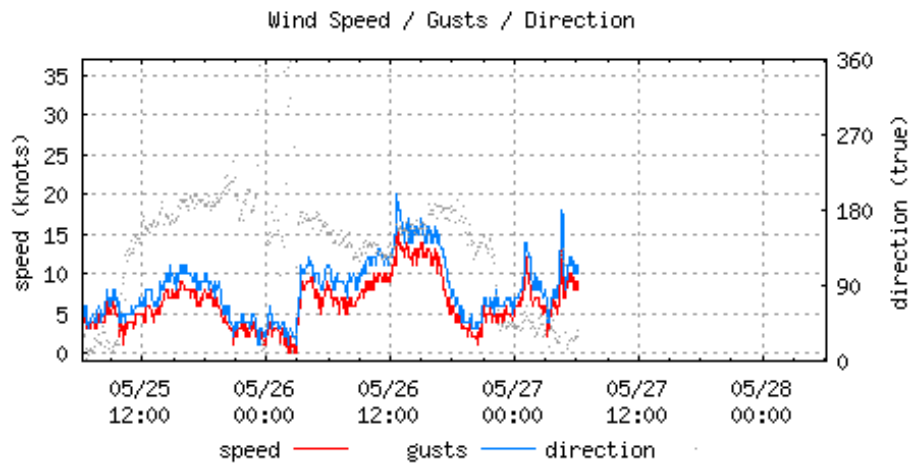
Last Observed Sample: 05/27/2018 06:12 (EDT). Data relative to MHHW

Observed: 0.48 ft. Predicted: -0.39 ft. Residual: 0.87 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 05/27/2018 14:22 (EDT), -0.04 ft.

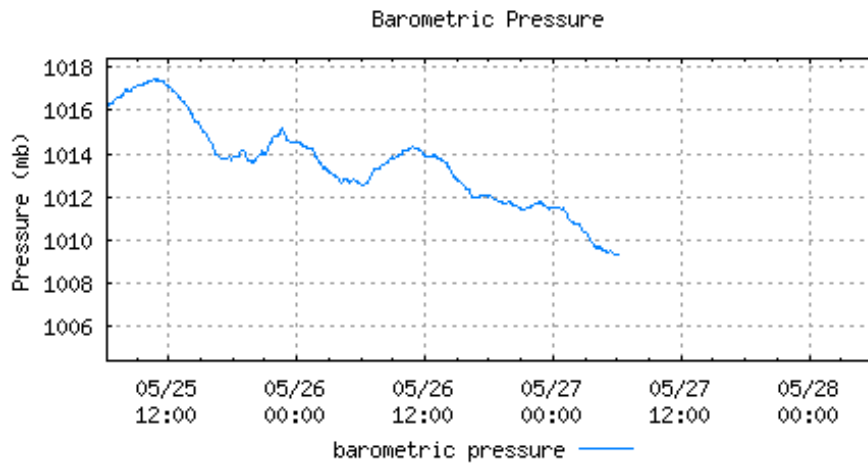
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 06:12 (EDT)

Wind Speed: 9 knots Gusts: 11 knots Direction: 37° T

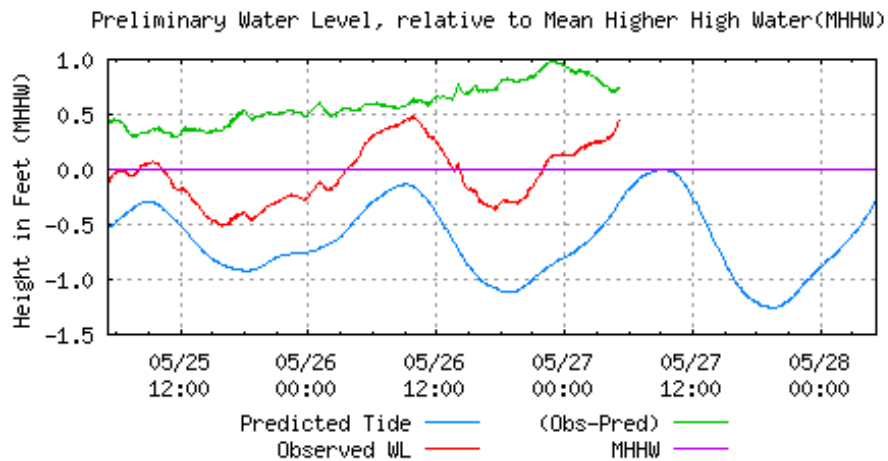
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 06:12 (EDT)

Barometric Pressure: 1009.3 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL



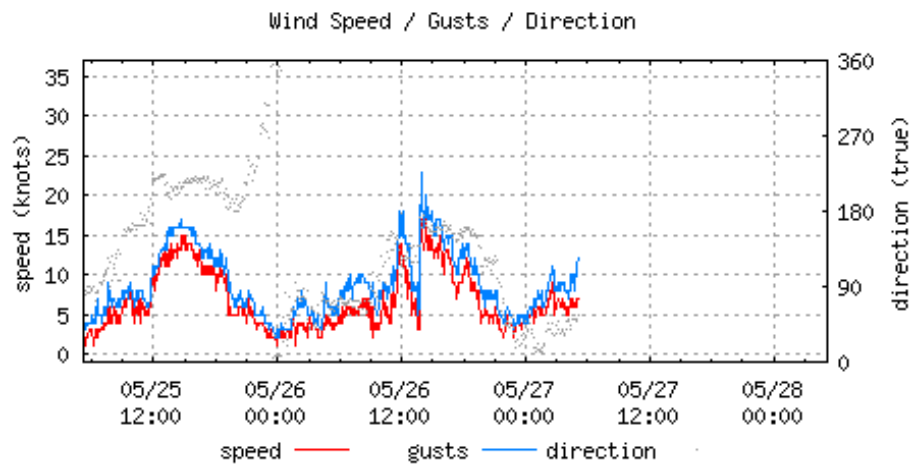
Last Observed Sample: 05/27/2018 05:12 (CDT). Data relative to MHHW

Observed: 0.45 ft. Predicted: -0.29 ft. Residual: 0.74 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 05/27/2018 09:15 (CDT), 0.00 ft.

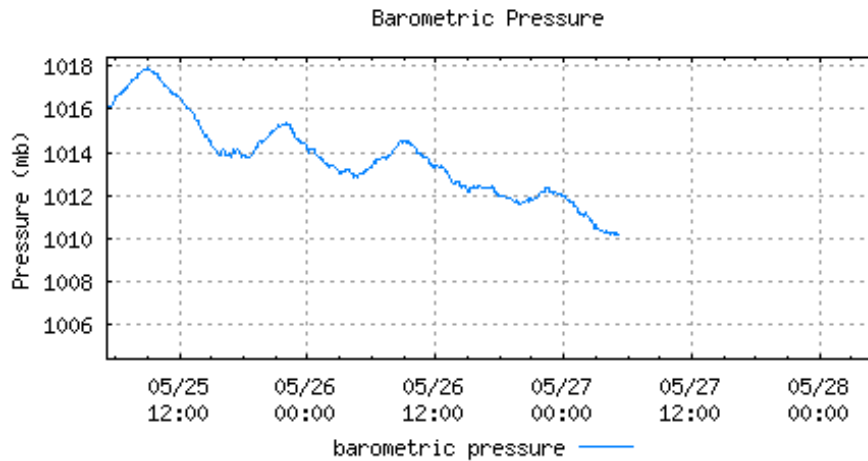
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/27/2018 05:12 (CDT)

Wind Speed: 8 knots Gusts: 10 knots Direction: 50° T

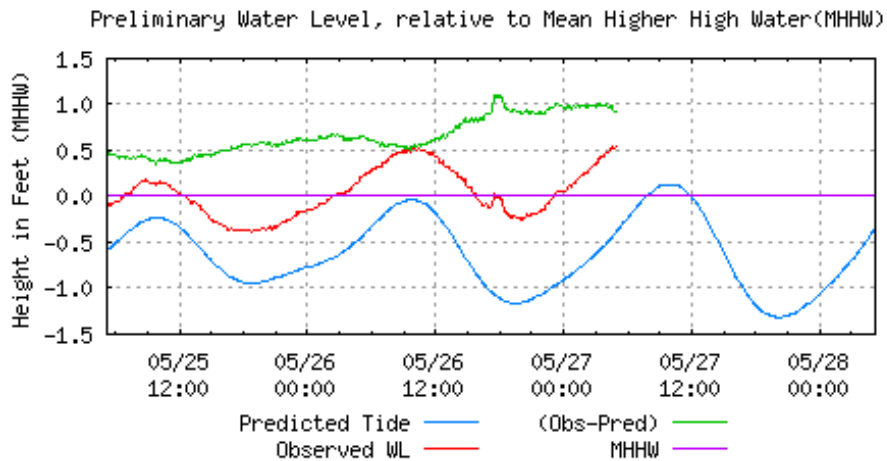
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/27/2018 05:12 (CDT)

Barometric Pressure: 1010.2 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 05/27/2018 05:06 (CDT). Data relative to MHHW

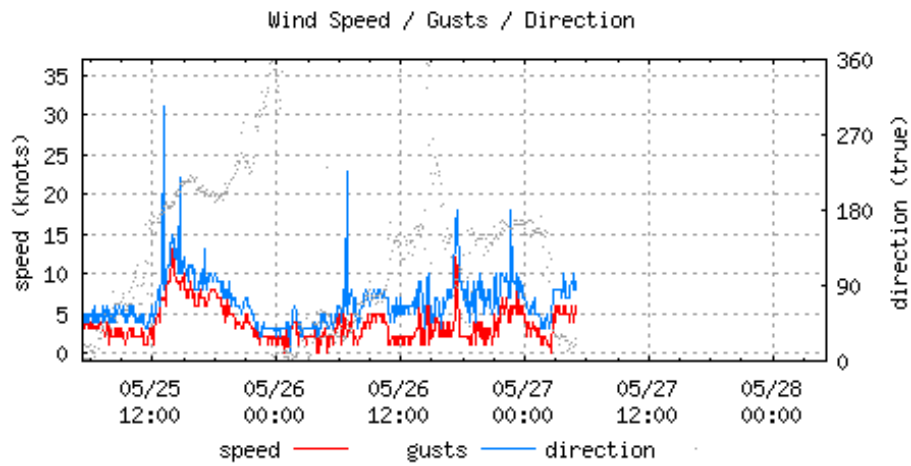
Observed: 0.55 ft. Predicted: -0.37 ft. Residual: 0.92 ft.

Historical Maximum Water Level: Sep 20 1926, 7.41 ft.

Next High Tide: 05/27/2018 09:56 (CDT), 0.14 ft.



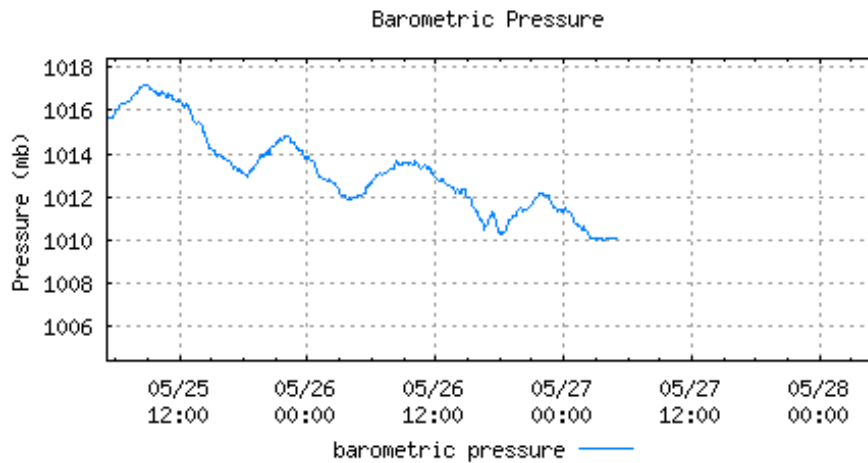
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 05/27/2018 05:06 (CDT)

Wind Speed: 5 knots Gusts: 7 knots Direction: 19° T

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

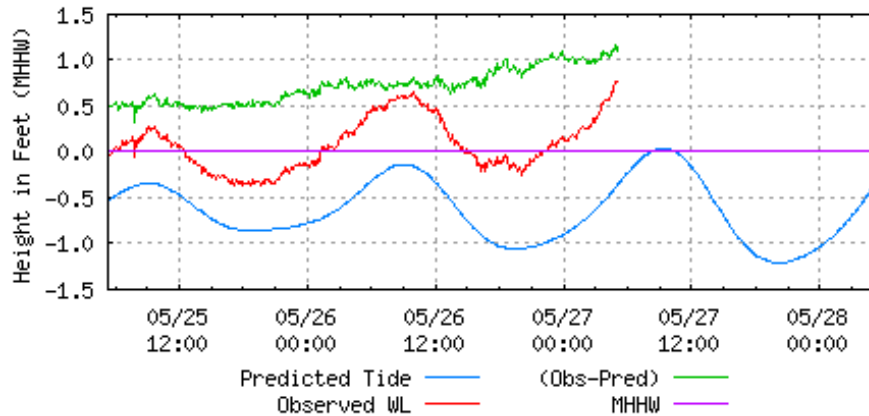


Last Observed Sample: 05/27/2018 05:06 (CDT)

Barometric Pressure: 1010.1 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 05:06 (CDT). Data relative to MHHW

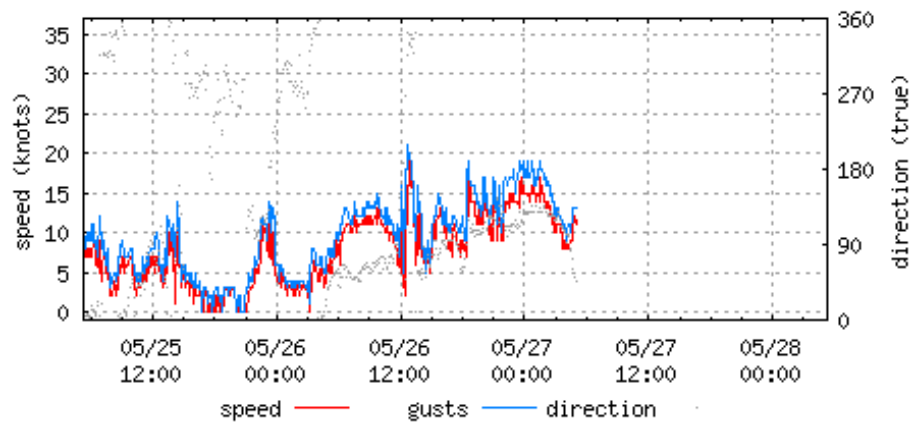
Observed: 0.76 ft. Predicted: -0.35 ft. Residual: 1.11 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/27/2018 09:21 (CDT), 0.04 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

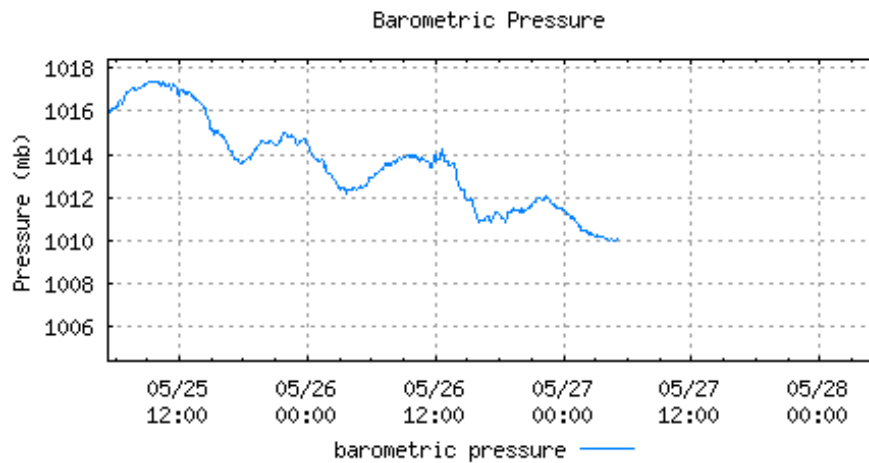
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 05:06 (CDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 47° T

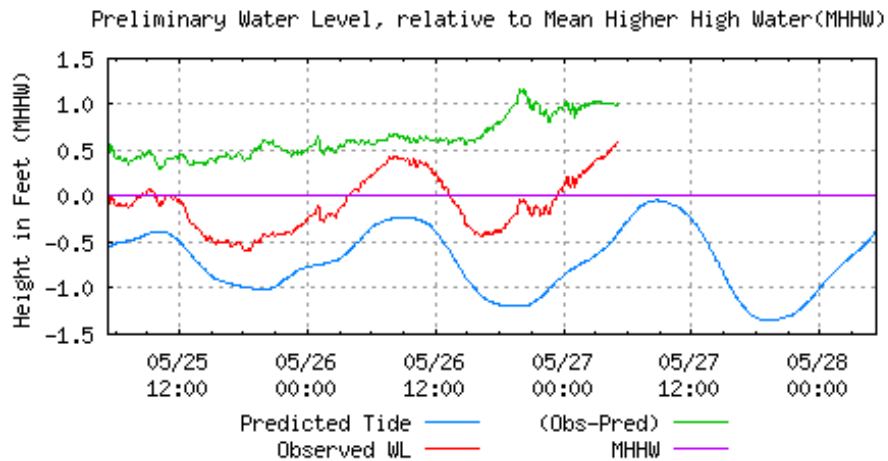
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 05/27/2018 05:06 (CDT)

Barometric Pressure: 1010.1 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS



Last Observed Sample: 05/27/2018 05:06 (CDT). Data relative to MHHW

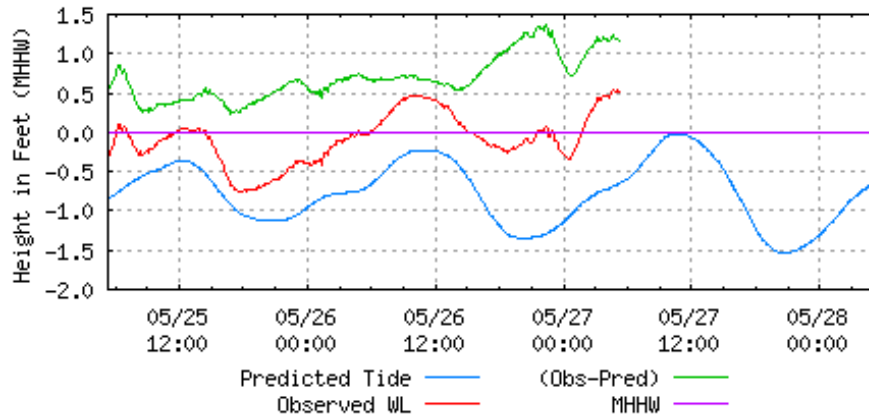
Observed: 0.59 ft. Predicted: -0.40 ft. Residual: 0.99 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

Next High Tide: 05/27/2018 08:43 (CDT), -0.04 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 05:12 (CDT). Data relative to MHHW

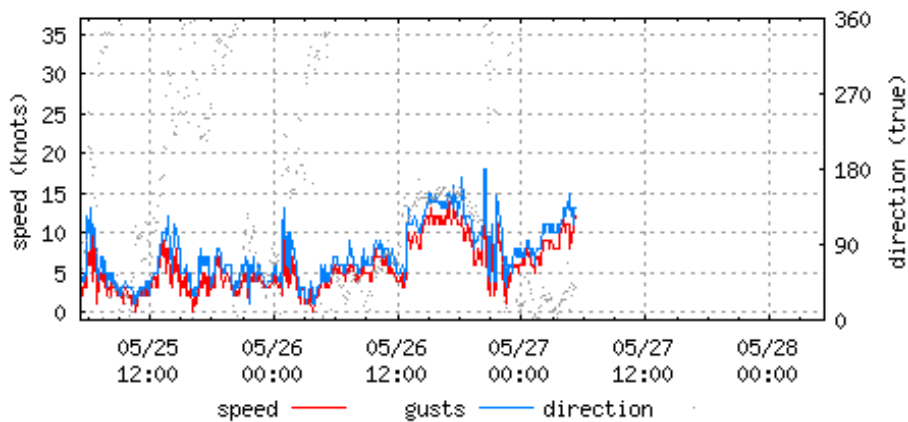
Observed: 0.50 ft. Predicted: -0.66 ft. Residual: 1.16 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 05/27/2018 10:41 (CDT), -0.01 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

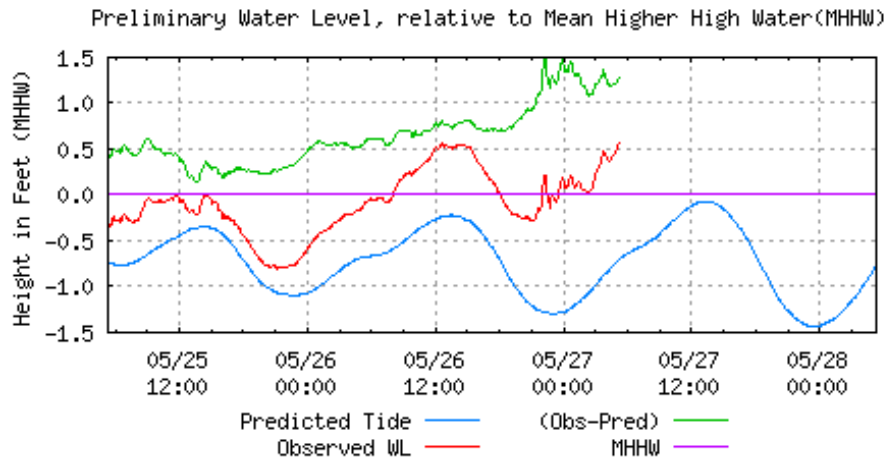
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 05:12 (CDT)

Wind Speed: 12 knots Gusts: 13 knots Direction: 38° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



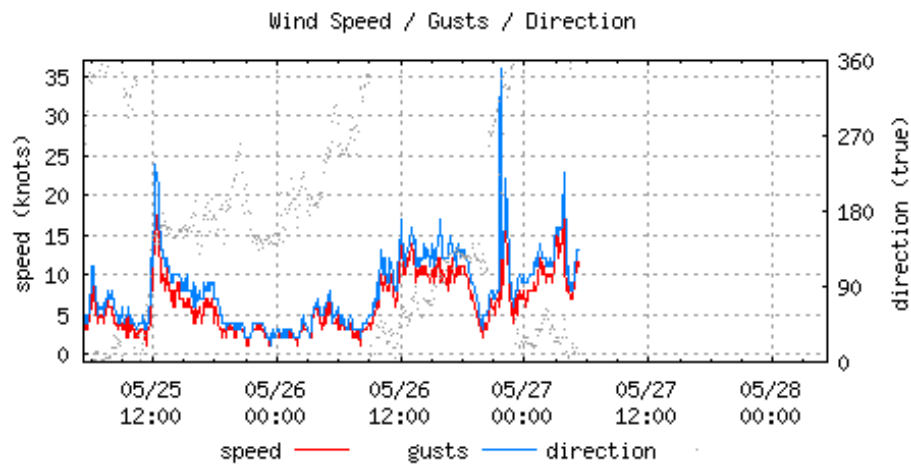
Last Observed Sample: 05/27/2018 05:12 (CDT). Data relative to MHHW

Observed: 0.56 ft. Predicted: -0.71 ft. Residual: 1.27 ft.

Historical Maximum Water Level: Aug 29 2012, 9.37 ft.

Next High Tide: 05/27/2018 13:20 (CDT), -0.07 ft.

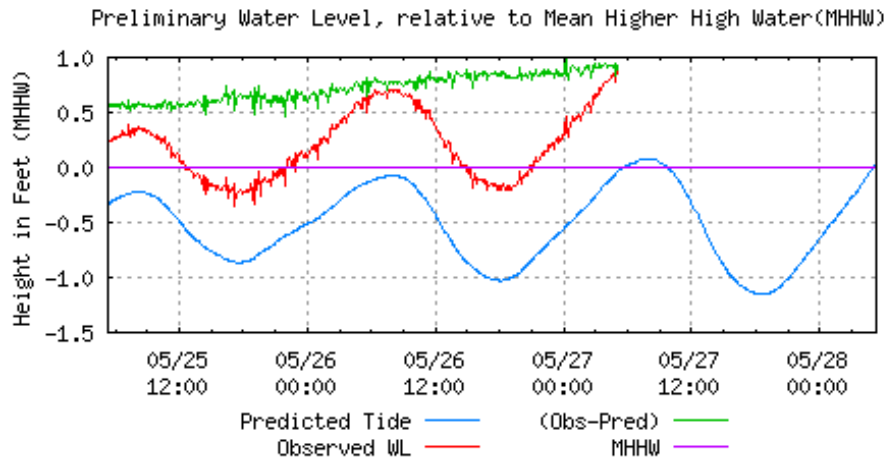
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 05/27/2018 05:12 (CDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 9° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



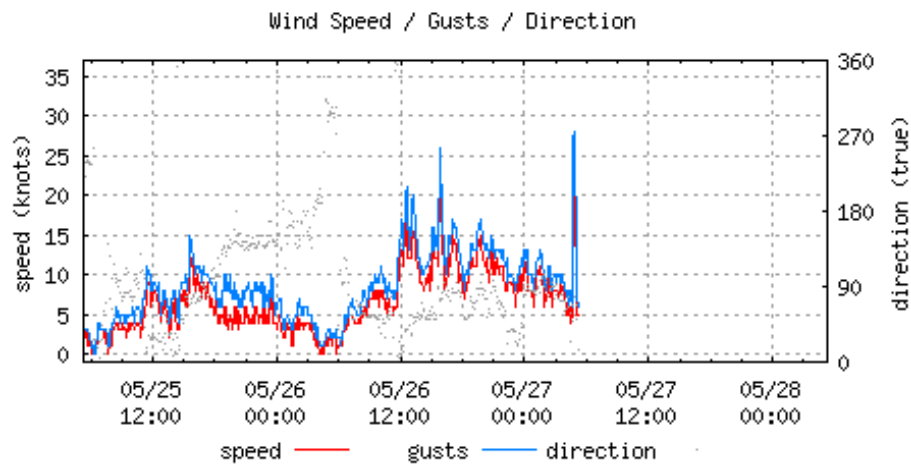
Last Observed Sample: 05/27/2018 05:12 (CDT). Data relative to MHHW

Observed: 0.85 ft. Predicted: -0.03 ft. Residual: 0.88 ft.

Historical Maximum Water Level: Aug 29 2005, 5.54 ft.

Next High Tide: 05/27/2018 07:57 (CDT), 0.07 ft.

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 05/27/2018 05:12 (CDT)

Wind Speed: 5 knots Gusts: 6 knots Direction: 14° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8724580	Key West, FL	05/27/2018 06:12 (EDT)	0.05 ft	-0.58 ft	0.63 ft	0.31 ft
8723970	Vaca Key, Florida Bay, FL	05/27/2018 06:12 (EDT)	-0.25 ft	-0.51 ft	0.26 ft	0.29 ft
8725110	Naples, Gulf of Mexico, FL	05/27/2018 06:06 (EDT)	-0.74 ft	-1.80 ft	1.06 ft	0.55 ft
8726520	St. Petersburg, Tampa Bay, FL	05/27/2018 06:06 (EDT)	-0.61 ft	-1.30 ft	0.69 ft	0.61 ft
8726724	Clearwater Beach, FL	05/27/2018 06:06 (EDT)	-0.91 ft	-1.50 ft	0.59 ft	0.65 ft
8727520	Cedar Key, FL	05/27/2018 06:12 (EDT)	-1.87 ft	-2.51 ft	0.64 ft	0.99 ft
8728690	Apalachicola, FL	05/27/2018 06:12 (EDT)	0.48 ft	-0.39 ft	0.87 ft	0.95 ft
8729108	Panama City, FL	05/27/2018 05:12 (CDT)	0.45 ft	-0.29 ft	0.74 ft	0.49 ft
8729840	Pensacola, FL	05/27/2018 05:06 (CDT)	0.55 ft	-0.37 ft	0.92 ft	0.55 ft
8735180	Dauphin Island, AL	05/27/2018 05:06 (CDT)	0.76 ft	-0.35 ft	1.11 ft	0.78 ft
8741533	Pascagoula NOAA Lab, MS	05/27/2018 05:06 (CDT)	0.59 ft	-0.40 ft	0.99 ft	0.59 ft
8747437	Bay Waveland Yacht Club, MS	05/27/2018 05:12 (CDT)	0.50 ft	-0.66 ft	1.16 ft	0.55 ft
8761305	Shell Beach, LA	05/27/2018 05:12 (CDT)	0.56 ft	-0.71 ft	1.27 ft	0.57 ft
8760922	Pilots Station East, S.W. Pass, LA	05/27/2018 05:12 (CDT)	0.85 ft	-0.03 ft	0.88 ft	0.89 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
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